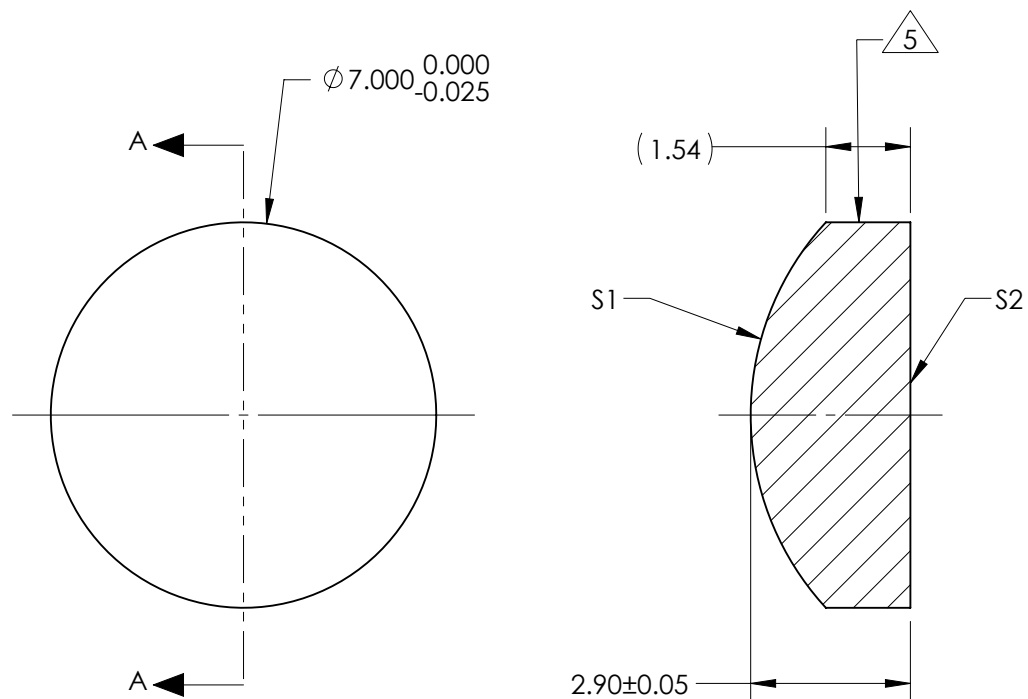


NOTES:

- SUBSTRATE:
N-BK7 517/642
 - ROHS COMPLIANT
 - CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION (HALF ANGLE): <3 ARCMIN
 - COATING (APPLY ACROSS COATING APERTURE)

S1 & S2: VIS-NIR
R(ABS) ≤ 0.25% @ 880nm @ 0° AOI
R(AVG) ≤ 1.25% FROM 400 - 870nm @ 0° AOI
R(AVG) ≤ 1.25% FROM 890 - 1000nm @ 0° AOI
- △ FINE GRIND SURFACE
- POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
 - FOCAL LENGTH (EFL): 10.00mm±1%
BACK FOCAL LENGTH (BFL): 8.10mm
 - PROTECTIVE BEVEL AS NEEDED
 - DESIGN WAVELENGTH: 587.6nm



SECTION A-A

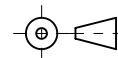
***FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING***

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	5.17	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	Ø 6.30	Ø 6.30
MIN COATING APERTURE	Ø 6.00	Ø 6.00
POWER AT 632.8nm	3.00 RINGS	3.00 RINGS
IRREGULARITY AT 632.8nm	0.50 RINGS	0.50 RINGS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® **Edmund Optics**®

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

TITLE

7mm Dia x 10mm FL, VIS-NIR Coated,
Plano-Convex Lens

DWG NO

71305

SHEET
1 OF 1